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GenCore version 4.5
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OM nucleic - nucleic search, using sw model

April 24, 2002, 04-30-27 Run on:

Scarch \*imc 2077 2 Seconds (without allgaments) 7843.786 Million cell updates/sec

US-09-525-998A-1 Perfect score

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. Gapext 1.0 IDENTITY\_NUC Scoring table:

1472140 segs, 8248589755 residees Searched:

2944280 Total number of hits satisfying chosen parameters

Minimum DB seq length: 0 Maximum DB seq length: 2000000000

Listing first 45 summaries Maximum Match 100% Post-processing. Minimum Match 0%

GenEmbl:\* Database :

em\_tun:\* em\_hum:\* em\_in:\* qb\_sts:\* qb\_sy:\* qb\_un:\* gb\_ba·\* gb\_btg:\* qb\_in·\* qb\_om:\* qb\_ov:\* qb\_pat:\* gb\_vi:\* em\_ba:\* em\_or:\* 4.5 pt : \* qb\_ro:\*

em\_ov:\* em\_pat:\* em\_ph:\* em\_sts:\* em\_sy.\* em\_un:\* em\_pl:\*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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Synth Fire construct.

artificial sequence.

1 (bases 1 to 1366)

Hauplmann.R., Himmler,A., Maurer-Foay,I. and Stratowa,C.

INF-receptor, INF-binding protein and UNA coding therefore patent: EP 0393438-A 48 24 off-1990;

Patent: EP 0393438-A 48 24 off-1990; жжэчия — 1368 bp - DNA - PA1 - 035. Synthetic DNA tor INF.receptor itom patent EP0493438. A29698.1 - GI1248862 BURNERINGER INGENHEIM INTERNATIONAL C.M.B.R /organism="synthetic construct" /db xrof="taxon:fate:" |424 c | 275 q | 275 c ALIGNMENTS KATTNEK AF329978 AF329980 AF329980 AUSTNEK2 MUSMINEK1 MMP55K BCCOA599 MUSTNEX AF329976 AF329977 MM1NE RES BT090937 AR031475 AK041,76 164751 A19907 A21522 143805 A20255 HUMINFRE A29103 AB051103 SSU19994 AR1 41 410 AR134752 AR141309 AR144761 HUMTNERG BC010140 HUMTAITER AR096 130 HSTNFRIA HUMT NEE Location/Qualitiers 1. .1368 A43873 A78738 126928 A20257 143808 A21525 A29048 1438:3 Query Match Length DB 2062 2062 2063 2063 1331 2063 2086 600 6889 2440 1301 Score 1323.2 1136 890.6 1351.2 1366.4 861 1366.4 DEFINITION ORGANISM ACCESSION KEFERENCE AUTHORS JOURNAL. KEYWORDS FEATURES VERSION RESULT A29098 Result SOURCE Š SOCOL

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SUMMARIES

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Wellberly, E.D., Buckett E. Sternberg, S.M.,
Hendamin, B., Blakoshoy, P. W., Hendfard, G. G., Hainkley, C., Hrocks, S.,
Dietlich, R.L., Guan, X., Gupta, J., Hols, T.L., Marints, E., Logaspi, K.,
Elm, M., Maduro, Q.L., Massiello, C., Marints, S.D., Morioser, Logaspi, K.,
McDowell, J., Pearcos, B., Stantiforp, S., Thomas, P. J.,
Tiongson, E.E., Touchman, J.W., Isurgeon, C., Voqt, J.L., Malker, M.A., Eukarycha: Metadda; Chordata; Craniata, Vertebrata; Buteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo. Clone distribution: MCC clone distribution information can be four through the LM A G E - Crossoft-imp/LLM at - Note //image.llmi.acv Series. IRAL Plate: 27 Rows m Column: 22 Ints clone was selected for full length sequencing because it passed the following selection criteria: matched mRNA gi: 339755. Homo sapiens, tumor necrosis factor receptor superfamily, member 1A, clobe MGC:19588 IMAGE:4131360, mRNA, complete cds. BC010140 Submitted (02-THL-2001) National Institutes of Health, Marmalian Gene Collection (MGC), Caucer Genemics Office, National Cancer Institute, 31 Center Drive, Reem 11A03, Pelhesda, MC 20892-2599, | 1021 | 11974||93203471900803490252333|| 102342343434444444|| 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 1080 | 10 googlagtagaacatacccccqttgcactaaaaaaaacataacacta in 1140 1320 12 JUL 2001 Titude Producement: AICC Can Library Preparation: Rubin Laboratory Consortium (LLML) cDNA Library Preparation: Rubin Laboratory Arrayed by The L.M.A.G.H. Consortium (LLML) DNA Sequencing Dy: National Institutes of Health Intramural Sequencing Center (NISC). 1261 otaagaegestaeteesesesasstagaeertakiigaa, takkisaaaaaan haaqaaaad 1347 AGCGACCACGAGATTGATTGGATTGGAGAATGGGGGGGTGCTGCGGAGAAAA 1321 etttgeggeeegeegeeteeegeeeteagatetteteagatga 1368 NIH-MGC Project (P) - http://mgc.nci.rib.gov Email: cgapbs-ramail.nih.gov ANAE H. and Green, E.D. BC01014011 C1:14603367 MGC. Gaithersburg, Maryland; Contact: MGC heip desk 2194 bp (bases 1 to 2194) Direct Submission Strausberg, R. Homo sapiens PC010140 human. DEFINITION OPGANISM 1141 1081 ACCESSION KEFFRENCE AUTHORS JOURNAL BC010140 KEYWORDS PFMAPK COMMENI KESULT. S00001 qq qq op. 셤 οy :/0 δò ó ó

Location/Qualifiers

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/clone_lib="NIH_MGC_17"
/lab_host-"DH108-R"
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/db_xref="GI-14603369"
                       /organism-"Homo sapiens"
/db_xref-"LocusID:7132"
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Draft entry and computer-readable sequence for [1] kindly submitted by T.Schall, 26-MAR-1990.
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Mammalia: Butheria: Primates: Catarchin; Hominidae; Homo.
1 (bases 1 to 2087)
Schall, T. J. Fewis, M. Koller, K. T. Lee, A. L. Fice, G. C., Wong, G. H. Gatanaga, T., Granger, G. A., Lentz, P., Paab, H., Kehr, W. L. and
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                                                                          661 ggtotttgccttttatccctccttcaftggfffaagfglatgcgctaccaaqqqqqqqaq 720
                                                                                                                                                                                     Molecular cloning and expression of a receptor for human tumor
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781 ggaactactactaayeeeetgyeeeeaaaeeeaagetteagteeeaeteeaygetteaae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      <u>cccggtgactgtcccaactttgcggctrccngcagagaggtggcaccannetatragggg</u>
                                                                                                                                 901 GGTCTTTGCCTTTTATCCCTCCTCTTCATTGGTTTAATGTATCCCTACCAACGCTGGAAG
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GRCLREAQYSMLATWRRRTPRREATLELLGRVLRDMDLLGCLEDIEBALGGPAALPPA
                                                                                                                                                                                                                                                                                                                                                                                                                      KQNTVCTCHAGFFLRENECVSCSNCKKSLECTKLQLPQ1FNVKGTEDSGTTVLLPLVT
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421 t.ccaquqcticaattqragcetetqreetcaatqqqaeeqtqcacetetortqevaqqaq 480 HHHHHHHHHHHHHHHHHHHHHHHHHHHHH 187 ATOGGCCTCTCACCCTGACCTGCTGCTGCTGCTGCTGCTCCTGGAGCTGTTGGTG 246 61 gqaatataceettaggggttattggaettggteetteaeettaggggaeagggagaagag 120 121 gatagtgtgtgtgrcccaaggaaaatatecaccetcaaaataateggatttgetgtaee 180 181 aaytyccacaaaayyaacctactiytacaatyactytecayyeeeyyyygayyataeggac 240 241 Igraqqqaqtqtqaqaqqqqqtrrftcaccqctfcaqaaaaccacctcaqacactgcctc 300 301 agotgotocaaatgooqaaaggaaatgggtoaggtggaqatetottottgoacagtggac 360 481 aaacagaacaccgtqtgcaccctqccatqcaqtttcttftctaaqaagaaaayyytgtc 540 541 teetgtagtaactytaagaaaageetygaytgeaegaagttgtgeetaeeeagattgag 660 727 TCCTGTAGTAACTCTAAGAAAGCTTGGAGTGCACGAAGTTGTGGCTAGGGGTAGGGGATTGAG 786 721 ternaagetetaeteerattgittgiggaaategaeaeerigaaaagagggggagetigaa 780 781 ggaantactactaagneeetggeneeaaacecaagetteagteecactecaggetteace 840 361 egggacaccgtgtgtgtggcaggaagaaccagtaceggeattattggagtgaaaacctt A20 0; Gaps l atgggeeteteeaeegtgeetgaetgetgetgeeaetggtgetgeettgagetgttggtg 60 601 aatgitaaagggearlgaggaeteaggeaeeaeaglgeigfigeeeetggleatlilelil 847 GGTCTTTGGCTTTTATCCCTCCTCTTCATLIAA101AA00ATACCAA9163AA3 487 AGCIGCICCAAAIGCCGAAAGCAAAATGGGTCAGGTGGAGATCTCTTCTTGAAGIGGAC DB 6, Length 2111; Score 1366.4, DB 6, Length Fred. No. 5e 272, 0; Mismatches 1; Indels 450 t. 587 q 99.08 20.08 629 c Matches 1367; Conservative PSLLP" Similarity 445 a Query Match Best Local S BASE COUNT

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Nophar,Y., Kemper,O., Brakebusch,C., Englemann,H., Zwang,R., Aderka,D., Hollmann,H. and Wallach,D. Soluble forms of tumor nectorists factor receptors (INE Rs). The cDNA for the Type I TNF-R, of thored using amino acid sequence data of its soluble form, encodes both the cell surface and a soluble form of
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Other publication ZA 9407962 951121
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Patent: RP 0568925-A 7 10-NOV-1993;
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Score 1360; DB 6; Length 2062;
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Feldmann, M., Gray, P.W., Torner, M.J.C. and Brennan, F.M.
The alpha receptor derived binding protein
Patent: HS 5633145-A 24 27-MAY-1997;
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